

Claims:

1. An electronic device comprising:
an interface for providing a connection with an accessory; said
5 accessory comprising
a library for enabling said electronic device to use the accessory;
wherein the electronic device further comprises means for providing
said library available to the electronic device.
- 10 2. The electronic device according to claim 1, said accessory further
comprising an application programming interface, wherein the
electronic device further comprises means for providing said
application programming interface available to the electronic device.
- 15 3. The electronic device according to claim 1, comprising interface
means for providing said library available to the electronic device
directly from said accessory.
- 20 4. The electronic device according to claim 1, comprising an interface
management module for downloading said library to the electronic
device.
- 25 5. The electronic device according to claim 1, said library and said
application programming interface providing a connection between said
accessory and an application loaded to the electronic device.
- 30 6. The electronic device according to claim 1, said interface comprising
detection means for detecting an attachment of the accessory to the
electronic device.
- 35 7. The electronic device according to claim 1, said interface comprising
detection means for detecting a detachment of the accessory from the
electronic device.
8. The electronic device according to claim 7, comprising an interface
management module for disabling a connection between an application

loaded to the electronic device and said library when the detachment of the accessory is detected.

5 9. The electronic device according to claim 1, the accessory further comprising at least one application, wherein the electronic device comprises means for downloading said at least one application from the accessory to the device.

10 10. The electronic device according to claim 2 comprising means for making said application programming interface available for at least one application loaded to the electronic device before starting the execution of said application.

15 11. An accessory comprising
a library for enabling an electronic device to use the accessory; and
an interface for providing a connection with said electronic device.

20 12. The accessory according to claim 11, further comprising a functionality that is usable for applications on said electronic device.

13. The accessory according to claim 11, further comprising an application programming interface.

25 14. The accessory according to claim 11, comprising interface means for providing said library available to said electronic device directly from the accessory.

30 15. The accessory according to claim 11, wherein said library is of Java, C, C++, C# or Visual Basic code.

16. The accessory according to claim 11, said interface comprising means for indicating an attachment of the accessory to the electronic device.

17. The accessory according to claim 11, said interface comprising means for indicating a detachment of the accessory from the electronic device.

5 18. The accessory according to claim 11, further comprising at least one application to be loaded to the electronic device.

19. A system comprising:

- an electronic device;
- 10 an accessory;
- a library in said accessory for enabling said electronic device to use the accessory;
- an interface for providing a connection between said electronic device and said accessory; and
- 15 means for providing said library available to the electronic device.

20. The system according to claim 19, said accessory further comprising an application programming interface, wherein the system further comprises means for providing said application programming interface available to the electronic device.

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21. The system according to claim 19, comprising interface means for providing said library available to the electronic device directly from said accessory.

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22. A method for accessing an accessory by an electronic device, comprising:

- including a library in said accessory for enabling said electronic device to use the accessory;
- 30 providing a connection between said electronic device and said accessory; and
- providing said library available to the electronic device.

23. The method according to claim 22, the accessory further comprising an application programming interface, wherein the method

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further comprises providing said application programming interface available to the electronic device.

5 24. The method according to claim 22, comprising providing said library available to said electronic device directly from the accessory.

10 25. The method according to claim 22, the accessory comprising a functionality, wherein the method further comprising providing said functionality for use of said electronic device by means of said library.

26. The method according to claim 22, comprising detecting an attachment of the accessory to the mobile communication device.

15 27. The method according to claim 26 comprising downloading said library from the accessory to the mobile communication device when the attachment of the accessory is detected.

20 28. The method according to claim 22, comprising providing a connection between an application loaded to the electronic device and said accessory.

29. The method according to claim 22, comprising detecting a detachment of the accessory from the device.

25 30. The method according to claim 29 comprising disabling a connection between an application loaded to the electronic device and said accessory when the detachment of the accessory is detected.

30 31. The method according to claim 22, the accessory comprising at least one application, wherein the method comprising downloading said at least one application from the accessory to the device.

35 32. The method according to claim 23 comprising making said application programming interface available for at least one application loaded to the electronic device before starting the execution of said application.

33. A computer program product for storing a computer program comprising machine executable steps for accessing an accessory by an electronic device, the accessory including a library for enabling said electronic device to use the accessory, wherein the computer program comprises machine executable steps for:
- 5 providing a connection between said electronic device and said accessory; and
- 10 providing said library available to the electronic device.
34. A method for providing accessing an accessory of an electronic device, the method comprising
- 15 storing a library to the accessory for enabling said electronic device to use the accessory;
- providing a connection between said electronic device and said accessory; and
- providing said library available to the electronic device.
35. The method according to claim 34, further comprising storing an application programming interface to the accessory, and providing said application programming interface available to the electronic device.
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